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# FOREIGN REPORTS.

## AUSTRALIA.

### Sydney—Examination of Rats.

The following information was issued by the Department of Health of New South Wales: During the four weeks ended March 1, 1913, there were examined at Sydney for plague infection 1,502 rats. No plague-infected rat was found.

## CHINA.

### Shanghai—Plague Among Rats.

Plague is reported present among rats at Shanghai. The authorities at the French concession report for the month of January, 1913, 524 rats collected from suspected sources and examined for plague infection, of which number 37 were found infected.

## CUBA.

### Habana—Transmissible Diseases.

MAR. 10-20, 1913.

Diseases.	New cases.	Deaths.	Remain- ing under treat- ment.	Diseases.	New cases.	Deaths.	Remain- ing under treat- ment.
Leprosy.....			244	Scarlet fever.....	22		32
Malaria.....			12	Measles.....	23		20
Typhoid fever.....	9	1	38	Varicella.....	7		11
Diphtheria.....	21	2	14	Paratyphoid.....	5	1	10

<sup>1</sup> Imported from Porto Rico.

## ECUADOR.

### Guayaquil—Plague and Yellow Fever.

Passed Asst. Surg. Parker reports: During the month of February, 1913, plague was reported in three localities, Guayaquil, Duran, and Milagro, with 60 new cases and 23 deaths. During the same period yellow fever was present in Guayaquil, Agua Piedra, Duran, Milagro, Naranjito, and Bucay, with 67 new cases and 37 deaths.

April 3 Dr. Parker further reported plague and yellow fever in Guayaquil and vicinity during the month of March, 1913, as follows: Plague, 24 cases with 11 deaths; yellow fever, 52 cases with 33 deaths.

**JAVA.****Plague in January, 1913.**

During the month of January, 1913, plague was reported in Java as follows:

Districts.	Cases.	Deaths.
Surabaya.....	22	22
Malang.....	313	304
Kediri.....	179	162
Madioen.....	47	42
Total.....	561	530

**ZANZIBAR.****Zanzibar—Examination of Rats.**

Consul Hays reports that during the two weeks ended February 21, 1913, there were examined at Zanzibar for plague infection 1,641 rats. No plague-infected rat was found.

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.****Reports Received During Week Ended Apr. 11, 1913.****CHOLERA.**

Places.	Date.	Cases.	Deaths.	Remarks.
Dutch East Indies:				
Java—				
Batavia.....	Feb. 16-22.....	18	16	
India:				
Bassein.....	Feb. 9-15.....	12	12	
Calcutta.....	Feb. 16-22.....		48	
Cochin.....	Feb. 17-23.....	5	5	
Negapatam.....	Feb. 9-15.....	3	3	
Rangoon.....	Dec. 22-28.....	1	1	
Do.....	Dec. 29-Feb. 1.....	23	22	
Do.....	Feb. 2-22.....	4	3	
Turkey in Europe:				
Constantinople.....	Mar. 12-17.....	3	1	

**YELLOW FEVER.**

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Manaos.....	Mar. 2-15.....	7	7	
Ecuador:				
Agua Piedra.....	Feb. 1-28.....	3	4	
Bucay.....	.....do.....	2	1	
Duran.....	.....do.....	3		
Guayaquil.....	.....do.....	34	18	Mar. 1-31, in Guayaquil and vicinity: Cases, 52; deaths, 33.
Milagro.....	.....do.....	16	10	
Narinjito.....	.....do.....	9	4	

**PLAGUE.**

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Rio de Janeiro.....	Feb. 2-Mar. 1.....	7	2	
Chile:				
Iquique.....	Feb. 9-15.....	3		
Ecuador:				
Duran.....	Feb. 1-28.....	6	4	
Guayaquil.....	.....do.....	49	18	Mar. 1-31 in Guayaquil and vicinity: Cases, 24; deaths, 11.
Milagro.....	.....do.....	5	1	

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.****Reports Received During Week Ended Apr. 11, 1913—Continued.****PLAGUE—Continued**

Places.	Date.	Cases.	Deaths.	Remarks.
Egypt.....	.....	.....	.....	Total Mar. 7-13: Cases, 22; deaths 7.
Alexandria.....	Mar. 3-11.....	3	.....	
Provinces—				
Behera.....	Mar. 10-13.....	2	2	
Charkieh.....	Mar. 6-10.....	7	.....	
Fayoum.....	Mar. 6-12.....	1	.....	
Menouf.....	Mar. 5-10.....	3	2	
Minieh.....	Feb. 6-Mar. 9.....	6	1	
India:				
Calcutta.....	Feb. 16-22.....	.....	10	
Rangoon.....	Dec. 22-28.....	12	11	
Do.....	Dec. 29-Feb. 1.....	73	71	
Do.....	Feb. 2-22.....	107	104	
Mauritius.....	Jan. 10-16.....	4	2	
Turkey in Asia:				
Jiddah.....	Mar. 10-13.....	1	1	

**SMALLPOX.**

China:				
Kulangsu.....	Feb. 23-29.....	.....	1	International settlement of Amoy.
Shanghai.....	Feb. 17-Mar. 8.....	7	30	Deaths among natives.
Egypt:				
Alexandria.....	Mar. 8-14.....	4	4	
France:				
Nice.....	Feb. 1-28.....	2	.....	
Paris.....	Mar. 9-15.....	3	.....	
India:				
Calcutta.....	Feb. 16-22.....	.....	2	
Karachi.....	Feb. 23-Mar. 1.....	3	1	
Madras.....	.....do.....	6	2	
Rangoon.....	Dec. 22-Feb. 1.....	18	4	
Do.....	Feb. 2-22.....	25	8	
Malta.....	Feb. 1-28.....	1	.....	
Mexico:				
Aguascalientes.....	Mar. 17-23.....	.....	5	
Chihuahua.....	.....do.....	.....	1	
Guadalajara.....	Mar. 16-22.....	3	.....	
Salina Cruz.....	Mar. 9-22.....	1	1	
San Luis Potosi.....	Jan. 4-Feb. 1.....	2	2	
New Foundland:				
St. John's.....	Mar. 9-15.....	5	.....	
Portugal:				
Lisbon.....	Feb. 23-Mar. 22.....	19	.....	
Russia:				
Moscow.....	Feb. 9-Mar. 8.....	6	3	
Warsaw.....	Dec. 8-28.....	4	3	
Spain:				
Almeria.....	Feb. 1-28.....	.....	5	No longer epidemic.
Barcelona.....	Mar. 9-21.....	.....	22	
Seville.....	Feb. 1-28.....	.....	8	
Valencia.....	Mar. 2-15.....	14	.....	
Straits Settlements:				
Singapore.....	Feb. 9-15.....	1	.....	
Switzerland:				
Basel.....	Mar. 2-15.....	10	.....	
Turkey in Asia:				
Beirut.....	Mar. 2-15.....	8	1	Present.
Damascus.....	Mar. 8.....	.....	.....	
Mersina.....	Mar. 9-15.....	2	1	
Smyrna.....	Nov. 24-Dec. 14.....	.....	5	
Union of South Africa:				
Durban.....	Feb. 2-8.....	1	.....	Imported.
Turkey in Europe:				
Constantinople.....	Feb. 22-Mar. 1.....	.....	10	
Do.....	Mar. 9-15.....	.....	8	
Uruguay:				
Montevideo.....	Dec. 1-31.....	3	.....	Last previous case in May, 1912.
Do.....	Jan. 1-31.....	1	.....	

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.****Reports Received from Dec. 27, 1912, to Apr. 4, 1913.****CHOLERA.**

Places.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Eski Saghara.....	Dec. 9.....	2	.....	
Sofia.....	Nov. 21-Dec. 16...	6	1	
Shumia.....	Dec. 30.....	18	.....	
China: Foochow.....	Nov. 20-Dec. 2.....	.....	.....	Isolated cases.
Dutch East Indies:				
Borneo—				
Bandermasin.....	Nov. 22-30.....	5	5	
Pontrank.....	Oct. 6.....	1	.....	
Samarinda.....	Oct. 9-Nov. 2.....	26	25	
Singkawang.....	Oct. 8-Nov. 1.....	2	2	
Java—				
Batavia.....	Nov. 9-Dec. 31.....	40	28	
Do.....	Jan. 19-Feb. 15.....	38	32	
Madioen.....	Sept. 15-Nov. 9.....	192	105	
Megalang.....	Oct. 7-12.....	9	6	
Pasoeroean Residency.....	Sept. 20-26.....	2	1	
Samarang.....	July 19-Dec. 26.....	591	485	
Surabaya.....	Oct. 16-Nov. 28.....	4	3	
Sumatra—				
Air Tiris.....	Dec. 3-22.....	11	11	
Benkoelen.....	Nov. 3-30.....	3	1	
Koeoh.....	Dec. 3-15.....	4	9	
Jambi.....	Sept. 18-24.....	1	.....	
Roembo.....	Dec. 3-15.....	2	2	
Telokbetong.....	Nov. 1-Dec. 31.....	181	20	
India:				
Bassein.....	Jan. 25-Feb. 8.....	19	17	
Bombay.....	Nov. 17-Feb. 22.....	205	147	
Calcutta.....	Nov. 9-Feb. 15.....	.....	417	
Cochin.....	Oct. 10-Nov. 9.....	6	6	
Madras.....	Nov. 24-Feb. 22.....	28	29	
Negapatam.....	Nov. 11-Feb. 1.....	23	23	
Rangoon.....	Nov. 1-30.....	2	2	
Indo-China: Saigon.....	Aug. 20-Oct. 27.....	42	38	
Japan.....				Total year 1912: Cases, 2,722; deaths, 1,678, exclusive of Taiwan. Total Jan. 1-Feb. 18: Cases, 83.
Aita Ken.....	Dec. 2.....	1	.....	
Chiba Ken.....	Nov. 23-Mar. 8.....	50	.....	
Fukushima Ken.....	Dec. 5.....	1	.....	
Hiardo Islands.....	Sept. 15-Dec. 1.....	30	.....	
Hioga Ken.....	Nov. 27-Dec. 19.....	22	.....	
Hiroshima Ken.....	Nov. 23.....	1	.....	
Ibaraki Ken.....	Dec. 6.....	2	.....	
Iwate Ken.....	Dec. 16.....	1	.....	
Kanagawa Ken.....	.....	.....	.....	Total Nov. 23-Feb. 4: Cases, 55. Sept. 25-Dec. 7: 9 cases from vessels.
Yokohama.....	Nov. 24-Jan. 14.....	22	.....	Total Sept. 29, 1912, to Jan. 9, 1913: Cases, 39.
Kochi Ken.....	Nov. 28-Dec. 4.....	3	.....	
Minami Tokaki gun.....	Sept. 15-Dec. 2.....	40	.....	
Nagasaki Ken.....	.....	.....	.....	Nagasaki Ken and outlying islands, Sept. 15-Dec. 2: Cases, 188; deaths, 134, including previous reports.
Nagasaki city.....	Sept. 15-Dec. 2.....	10	4	
Osaka Fu.....	Nov. 23-Dec. 3.....	14	.....	
Saga Ken.....	do.....	5	.....	
Sasebo.....	Sept. 15-Dec. 2.....	7	.....	
Shidzuoka Ken.....	Dec. 3-Feb. 11.....	57	.....	
Taiwan (Formosa).....	.....	.....	.....	Total year 1912: Cases, 333; deaths, 256.
Tokushima Ken.....	Sept. 15-Dec. 1.....	65	.....	Not previously reported.
Tokyo Fu.....	Nov. 23-Feb. 4.....	108	.....	
Tokyo.....	.....	.....	.....	Oct. 2-Dec. 7: Cases, 273, and in vicinity, 342.
Wakamatsu Ken.....	Nov. 26.....	1	.....	
Russia:				
Odessa.....	Jan. 8-21.....	5	2	Nov. 18-20: 1 case from s. s. Bosnian from Constantinople. Confined in the quarantine barracks.
Siam:				
Bangkok.....	Oct. 13-Jan. 4.....	.....	6	

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.****Reports Received from Dec. 27, 1912, to Apr. 4, 1913—Continued.****CHOLERA—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Singapore.....	Nov. 17-23.....	2	2	
Do.....	Jan. 27-Feb. 1.....	1	1	
Turkey in Asia.....				Total, Nov. 17-23: Cases, 160; deaths, 218.
Adana—				
Adana.....	Nov. 17-Dec. 2....	2	2	
Aleppo—				
Aleppo.....	Nov. 24-Dec. 2....	3	3	
Alexandretta.....	.....do.....	3	2	
Angora—				
Angora.....	Nov. 24-Dec. 11....	29	23	
Balikesir.....	Nov. 24-Dec. 2....		1	
Beirut—				
Merdijoun.....	Dec. 3-11.....		15	
Tabariyeh.....	Dec. 13-22.....			Present.
Brusa.....	Nov. 17-Dec. 11....	26	38	
Castamoni.....	Nov. 17-Dec. 2....	6	4	
Dierbekir.....	.....do.....	8	2	
Hedjaz—				
Jedda.....	Nov. 25-Dec. 14....	395	393	Among returning pilgrims.
Medina.....	Dec. 3-11.....		6	
Mekka.....	Nov. 17-23.....	111	172	Dec. 3-11: Deaths, 3,007.
Ismidt.....	Nov. 17-Dec. 2....	3	1	
Kartal.....	Dec. 30-Feb. 12....	9	3	
Khodavendikar—				
Karassi.....	Jan. 30-Feb. 12....		2	
Mosul.....	Nov. 17-Dec. 2....		2	
Sinope.....	Dec. 3-11.....	1	4	
Smyrna.....	Nov. 17-Dec. 2....	3	1	
Syria—				
Haifa.....	Dec. 21.....		1	
Tiberias.....	Dec. 3-25.....	129	68	
Tarsus.....	Nov. 24-Dec. 2....	2	1	
Turkey in Europe:				
Constantinople.....	Dec. 3-Jan. 28....	1,598	787	Total, Nov. 5-Jan. 28: Cases, 2,515; deaths, 1,245.
Zanzibar.....	Nov. 8-Dec. 21....	131	130	Total, Aug. 5-Dec. 23: Cases, 943; deaths, 912, including previous reports from Mwera, Chwaka, and Mokoton. Chwaka district, Oct. 4-Dec. 31, 332 cases, not included in previous reports.
At sea.....				Nov. 18-20: 1 fatal case on s. s. Bosnian, en route from Constantinople to Odessa.

**YELLOW FEVER.**

Brazil:				
Bahia.....	Jan. 24-Mar. 8....	9	3	
Manaos.....	Jan. 5-Mar. 1.....	10	10	
British Gold Coast:				
Akkra.....	Mar. 22.....			Present.
Ecuador:				
Agua Piedra.....	Dec. 1-31.....	7	4	
Do.....	Jan. 1-31.....	5	2	
Bucay.....	Nov. 15-Dec. 31....	3	2	
Do.....				Jan. 1-31, 1 case, 1 death.
Duran.....	Nov. 1-Dec. 31....	3	3	
Do.....	Jan. 1-31.....	8	5	
Guayaquil.....	Nov. 1-Dec. 31....	25	16	
Do.....	Jan. 1-31.....	56	30	Feb. 18-24, 16 cases. Mar. 15, still present.
Milagro.....	Nov. 1-Dec. 31....	2	2	
Do.....	Jan. 1-31.....	3	1	
Naranjito.....	Nov. 1-Dec. 31....	3	2	
Do.....	Jan. 1-31.....	3		
Senegal:				
Dakar.....	Dec. 7.....			Present.
Venezuela:				
Caracas.....	Nov. 1-Dec. 31....	9	2	In September 2 deaths and in October 1 death not previously reported. Feb. 7, 1 case.
Do.....	Jan. 1-31.....	2		

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

## Reports Received from Dec. 27, 1912, to Apr. 4, 1913—Continued.

## PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
Afghanistan:				
Tchehel-Bagdareh.....	Sept. 1-30.....			And vicinity 100 deaths daily. Present to Oct. 29.
Arabia:				
Oran—				
Debai.....	Feb. 16.....			Present.
Brazil:				
Bahia.....	Jan. 12-Mar. 8.....	11	4	
Pernambuco.....	Nov. 1-Jan. 31.....		11	
Rio de Janeiro.....	Nov. 3-Feb. 1.....	17	7	Year 1912: Cases, 21.
Santos.....	Dec. 1.....	2	2	
British East Africa:				
Dagoretti.....	Jan. 14-Feb. 5.....	1		
Kiambu.....	Nov. 16-Oct. 21.....	2		
Kisumu.....	Dec. 8-28.....	7		
Do.....	Jan. 14-Feb. 5.....	3		
Mombasa.....	Oct. 1-Dec. 25.....	16	12	Free Nov. 18.
Nairobi.....	Nov. 16-Feb. 5.....	8	1	
Canary Islands:				
Teneriffe—				
Santa Cruz.....	Feb. 21-27.....		5	
Chile:				
Iquique.....	Jan. 8-19.....	7	4	
Taltal.....	Oct. 22-28.....	3		
China:				
Amoy.....	Jan. 17-Feb. 15.....			Pneumonic form present and in vicinity.
Kulangsu.....	Jan. 17.....	3		International settlement of Amoy.
Hoihow.....	Nov. 1-30.....			Do.
Hongkong.....	Jan. 12-Feb. 22.....	5	5	Total Jan. to Sept., 1912: Cases, 1,848; deaths, 1,728.
Manchuria.....	Dec. 14.....			Present along the railway be- tween Harbin and Chang- Chun.
Pakhoi.....	Dec. 1-31.....	30		
Shanghai.....	Nov. 18-Dec. 15.....		2	Dec. 18, present in vicinity of the French settlement.
Swatow.....				Jan. 9, in vicinity.
Dutch East Indies:				
Java—				
Kediri.....	Oct. 6-Jan. 4.....	406	377	
Madjoen.....	do.....	98	96	
Malang.....				Total year 1912: Cases, 1,477; deaths, 1,406, among natives including Pasoeroean Resi- dency.
Pasoeroean Residency..	Oct. 6-Jan. 4.....	736	731	
Surabaya.....	do.....	43	43	
Ecuador:				
Duran.....	Nov. 1-Dec. 31.....	4	1	
Do.....	Jan. 1-31.....	2	1	
Guayaquil.....	Nov. 1-Dec. 31.....	139	52	
Do.....	Jan. 1-31.....	68	42	And vicinity, Jan. 1-Feb. 24: Cases, 123; deaths, 61; Mar. 15, still present.
Milagro.....	Dec. 1-31.....	8	1	
Do.....	Jan. 1-31.....	4		
Egypt.....				Total Jan. 1-Dec. 31: Cases, 884; deaths, 441. Jan. 1-Mar. 6: Cases, 88; deaths, 45.
Alexandria.....	Mar. 2.....	1	1	Mar. 4, 1 fatal case.
Cairo.....	Dec. 30.....	1	1	
Port Said.....	Dec. 29.....	1	1	
Do.....	Jan. 1-Mar. 5.....	4	2	
Provinces—				
Assiout.....	Jan. 22-Feb. 28.....	13	10	
Behera.....	Nov. 29-Dec. 12.....	2	1	
Benisouef.....	Jan. 22-Feb. 2.....	4	2	
Charkieh.....	Nov. 29-Dec. 12.....	3	2	
Do.....	Jan. 2-Feb. 23.....	8	7	
Fayoum.....	Jan. 19-Feb. 11.....	8	5	
Galioubeh.....	Jan. 1-7.....	1	1	
Garbieh.....	Jan. 1-Feb. 26.....	4	1	
Do.....	Nov. 23-Dec. 17.....	3		
Girgeh.....	Jan. 1-Feb. 3.....	4	1	
Do.....	Dec. 21-25.....	1	1	
Gizeh.....	Jan. 1-Feb. 3.....	5	3	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 27, 1912, to Apr. 4, 1913—Continued.

## PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Egypt—Continued.				
Provinces—Continued.				
Menouf.....	Jan. 1—Mar. 4.....	14	3	
Do.....	Oct. 1—Dec. 31.....	13	7	
Minieh.....	Nov. 28—Dec. 29.....	7	4	
Do.....	Jan. 23—Feb. 5.....	2	1	
Hawaii:				
Kukuihaele.....	Jan. 11—31.....	2	2	
India:				
Bombay.....	Nov. 17—Feb. 22.....	172	136	Mar. 13: Still present.
Calcutta.....	Nov. 9—Feb. 15.....		105	
Madras.....	Dec. 29—Jan. 4.....	1	1	
Karachi.....	Nov. 19—23.....	2	2	
Rangoon.....	Oct. 1—Nov. 30.....	68	68	
Provinces.....				Total Oct. 27—Dec. 28: Cases, 25,212; deaths, 19,863.
Delhi.....	Oct. 27—Dec. 28.....	31	14	
Bombay.....	do.....	6,785	5,121	
Madras.....	do.....	1,833	1,337	
Bengal.....	do.....	60	59	
Bihar and Orissa.....	do.....	1,269	1,025	
United Provinces.....	do.....	7,844	6,001	
Punjab.....	do.....	952	709	
Burma.....	do.....	95	85	
Central Provinces.....	do.....	404	301	
Mysore.....	do.....	1,506	1,114	
Hyderabad.....	do.....	1,498	1,212	
Central India.....	Oct. 27—Dec. 28.....	70	60	
Rajputana.....	do.....	2,862	2,824	
Kashmir.....	do.....	3	1	
Provinces.....				Total Dec. 29—Feb. 1: Cases, 21,707; deaths, 17,705.
Delhi.....	Dec. 29—Feb. 1.....	28	21	
Bombay.....	do.....	2,589	1,917	
Madras.....	do.....	1,144	829	
Bengal.....	do.....	29	29	
Bihar and Orissa.....	do.....	4,341	3,470	
United Provinces.....	do.....	10,041	8,524	
Punjab.....	do.....	872	719	
Burma.....	do.....	388	342	
Central Provinces.....	do.....	183	142	
Mysore.....	do.....	931	681	
Hyderabad.....	do.....	662	576	
Central India.....	do.....	16	10	
Rajputana.....	do.....	475	443	
Kashmir.....	do.....	7	1	
North West Provinces.....	do.....	1	1	
Indo-China: Saigon.....	Aug. 20—Dec. 16.....	58	36	
Japan:				
Taiwan (Formosa).....				Total, year 1912: Cases, 223; deaths 185.
Kagi.....	Apr. 2.....			Present.
Mauritius.....	Oct. 11—Jan. 9.....	231	151	
Morocco: Rabat.....	Nov. 1.....	3		Among the military.
New Caledonia:				
Numea.....	Sept. 17—Oct. 17.....	8	5	
Do.....	Oct. 29—Dec. 2.....			7 cases with 2 deaths among Europeans, and 22 fatal cases among natives.
Peru:				
Departments—				
Ancachs.....	July 1—31.....	4		
Do.....	Aug. 1—31.....	4	3	Mollendo, Nov. 17—Jan. 12: Cases, 15; deaths, 4. Jan. 21, 2 cases, with 1 death.
Arequipa.....	July 1—31.....	7	2	
Do.....	Aug. 1—31.....	5	3	
Callao.....	July 1—31.....	1	1	Present in September; Dec 2—Jan. 12: Cases, 7.
Ferrinhafe.....	Dec. 23—Jan. 12.....	1		
Ica.....	do.....	1		
Lambayeque.....	Dec. 2—22.....	7		Present in September.
Jayanca.....	do.....			Present.
Libertad.....	July 1—31.....	8	2	
Do.....	Aug. 1—31.....	12	7	
Cosma.....	Dec. 2—22.....			Do.
Paijan.....	do.....			Do.
Salaverry.....	Dec. 23—Jan. 12.....	1		
San Pedro.....	Dec. 2—Jan. 12.....	27		



**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.****Reports Received from Dec. 27, 1912, to Apr. 4, 1913—Continued.****PLAGUE—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Departments—Continued.				
Trujillo.....	Dec. 2-Jan. 12.....	44		
Lima.....	July 1-31.....	3	2	
Do.....	Aug. 1-31.....	4	2	Dec. 2-22: Cases, 2.
Piura—				
Catacaos.....	Dec. 2-Jan. 12.....			Present.
Paíta.....	.....do.....			Do.
Piura.....	Dec. 23-Jan. 12.....			Do.
Sulanna.....	Dec. 2-22.....			Do.
Philippine Islands:				
Manila.....	Nov. 10-Feb. 15.....	16	12	
Provinces.....				Third quarter, 1912: Cases, 8; deaths, 7.
Russia:				
Don, territory.....	Nov. 1-Jan. 12.....			In 6 localities. 38 cases, with 22 deaths.
Hutor Popova (estate).....	Nov. 1-15.....	20	12	Esaoul district.
Moscow.....	Dec. 29-Jan. 11.....	3	1	
Transbaikal district—				
Verneudinsk.....	Oct. 18-28.....	3	3	Near Nerchinsk.
Trans-Caspian Ty. Merv...	Dec. 9-21.....	29	29	Pneumonic.

**SMALLPOX.**

Arabia: Aden.....	Jan. 14-Mar. 23....	3		
Abyssinia: Adis Ababa.....	Nov. 24-Dec. 21....			Present.
Algeria:				
Departments—				
Algiers.....	Oct. 1-31.....	11		
Constantine.....	.....do.....	11		
Oran.....	Oct. 1-Dec. 31....	170	10	
Do.....	Jan. 1-31.....	11	3	
Argentina: Buenos Aires.....	Nov. 1-Dec. 31....		7	
Austria—Hungary:				
Galicia.....	Nov. 10-Dec. 7....	3		
Fiume.....	Jan. 14-Feb. 10....	2		
Moravia.....	Jan. 17-25.....	2		
Trieste.....	Dec. 8-Mar. 1....	29		
Brazil:				
Para.....	Dec. 8-Feb. 1....	2		
Pernambuco.....	Nov. 1-Jan. 31....		168	
Rio de Janeiro.....	Nov. 3-Feb. 1....	27	10	
British Columbia: Vancouver.....	Feb. 2-Mar. 1....	2		
British East Africa: Mombasa.....	Dec. 1-31.....	17	10	
Canada:				
Provinces—				
British Columbia—				
Fernie.....	Feb. 23-Mar. 1....	12		
Ontario—				
Cornwall.....	Mar. 16-22.....	2		
Hamilton.....	Jan. 1-Feb. 28....	48		
Niagara Falls.....	Feb. 1-28.....	9		
Ottawa.....	Jan. 4-Mar. 22....	31		
Toronto.....	Dec. 1-Feb. 15....	8		
Windsor.....	Feb. 9-Mar. 22....	6		
Quebec—				
Montreal.....	Dec. 15-Mar. 22....	133	1	
Quebec.....	Dec. 15-Mar. 15....	32		
St. Johns.....	Jan. 12-Mar. 8....	22		
Chile:				
Punta Arenas.....	Oct. 31-Nov. 30....	3		Oct. 31, 1 case in vicinity.
Do.....	Jan. 1-31.....	1		
China:				
Amoy.....	Jan. 4-16.....			Present. Kulangsu, Jan. 12-25, 1 case.
An Kho.....	Jan. 4.....			Epidemic; 2 days' journey from Amoy.
Chungking.....	Nov. 3-Jan. 4.....			Present.
Dalny.....	Jan. 12-18.....	1	1	
Hankow.....	Dec. 29-Jan. 4....	1		
Harbin.....	Dec. 1-31.....	6		
Holhow.....	Jan. 3.....			Do.
Hongkong.....	Nov. 24-Feb. 22....	40	30	
Nanking.....	Dec. 7-Feb. 8.....			Do.
Shanghai.....	Nov. 18-Feb. 9....	23	118	Deaths among natives.
Tientsin.....	Nov. 17-Feb. 22....		4	

## CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 27, 1912, to Apr. 4, 1913—Continued.

## SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Costa Rica: Limon.....	Feb. 1.....	2	2	
Dutch East Indies:				
Java—				
Batavia.....	Nov. 9-Jan. 4.....	26	7	Jan. 5-11, 10 cases, with 5 deaths in the district, mainly in Samarang.
Samarang.....	Oct. 4-24.....	57	23	
Do.....	Jan. 5-Feb. 1.....	753	161	
Egypt:				
Alexandria.....	Dec. 9-Mar. 4.....	16	3	
Cairo.....	Nov. 12-Feb. 11.....	13	4	
Port Said.....	Dec. 3-31.....	1	1	
France:				
Marseille.....	Nov. 1-Feb. 28.....	.....	18	
Nantes.....	Jan. 5-Mar. 8.....	7	.....	
Paris.....	Dec. 1-Mar. 9.....	37	1	
Germany.....				Total: Nov. 24-30, 5 cases not included in report, p. 2231, vol. xxvii; Dec. 1-Mar. 15, 28 cases.
Breslau.....	Jan. 19-25.....	1	.....	
Hamburg.....	Jan. 10-25.....	2	.....	
Gibraltar.....	Dec. 9-Mar. 16.....	3	1	
Great Britain:				
Hull.....	Mar. 8-14.....	1	.....	
Liverpool.....	Jan. 1-Mar. 15.....	3	.....	
Newcastle on Tyne.....	Feb. 9-15.....	15	.....	
Sheffield.....	Feb. 26-Mar. 2.....	1	.....	
Greece:				
Athens.....	Feb. 10-22.....	1	2	
Patras.....	Mar. 3-9.....	.....	9	Epidemic.
Piræus.....	Jan. 1-31.....	16	.....	
Honduras: Trujillo.....	Feb. 2-8.....	1	.....	
India:				
Bombay.....	Nov. 17-Feb. 22.....	61	19	
Calcutta.....	Dec. 1-Feb. 15.....	.....	19	
Karachi.....	Dec. 1-Feb. 22.....	16	5	
Madras.....	Dec. 1-15.....	26	5	
Rangoon.....	Oct. 1-Nov. 30.....	11	3	
Indo-China: Saigon.....	Aug. 20-Dec. 23.....	3	3	
Italy:				
Palermo.....	Dec. 15-Feb. 15.....	7	.....	
Turin.....	Feb. 3-Mar. 2.....	5	.....	
Japan.....				Total, year 1912: Cases, 14; deaths, 1.
Nagasaki.....	Nov. 1-30.....	1	.....	
Taiwan (Formosa).....				Year 1912: Cases, 4.
Yokohama.....	Jan. 1-13.....	2	.....	From s. s. Pera from London via ports.
Mexico.....				Feb. 16: Cases, 1,500 to 2,000, with 10 per cent of deaths, mainly along the western coast. Jan. 30-Feb. 16: Present in Aguilera, Cajame, Corral, Esperanza, Navojca, Puga, and Tarin.
Aguascalientes.....	Dec. 9-Mar. 16.....	.....	19	
Chihuahua.....	do.....	.....	18	
Durango.....	Dec. 1-Feb. 28.....	.....	117	
Guadalajara.....	Jan. 5-Mar. 15.....	7	.....	
Juarez.....	Mar. 1.....	1	.....	
Mazatlan.....	Jan. 1-7.....	2	.....	
Mexico.....	Nov. 17-Feb. 15.....	75	22	
Salina Cruz.....	Nov. 17-Mar. 1.....	7	2	
San Luis Potosi.....	Sept. 15-Dec. 21.....	4	.....	
Sonora—				
Agua Zarca.....	Jan. 30.....	2	.....	
Nogales.....	do.....	1	.....	
Veracruz.....	Jan. 26-Mar. 8.....	11	1	1 case imported from Pasco del Macho.
Netherlands: Rotterdam.....	Dec. 22-28.....	.....	1	
Newfoundland: St. John's.....	Feb. 23-Mar. 1.....	1	.....	
Peru:				
Callao.....	Sept. 1-14.....	.....	.....	Present.
Lima.....	do.....	.....	.....	Do.
Mollendo.....	Nov. 24-Dec. 7.....	5	1	
Salaverry.....	Dec. 4-11.....	1	.....	

**CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.****Reports Received from Dec. 27, 1912, to Apr. 4, 1913—Continued.****SMALLPOX—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands: Manila.....	Dec. 21.....	.....	.....	1 case removed from s. s. Mauban to the San Lazaro Hospital. Third quarter, 1912: Cases, 19; deaths, 0.
Portugal: Lisbon.....	Dec. 1-Feb. 22....	44	.....	Total, Oct. 1-31: Cases, 6.
Roumania.....	.....	.....	.....	
Russia:				
Batoum.....	Dec. 1-31.....	1	.....	
Libau.....	Dec. 16-Jan. 4....	2	.....	
Moscow.....	Dec. 8-Feb. 8....	8	2	
Odessa.....	Nov. 17-Jan. 18...	8	3	
St. Petersburg.....	Nov. 24-Feb. 15...	109	13	
Warsaw.....	Sept. 22-Dec. 7....	25	4	
Riga.....	Dec. 1-31.....	1	.....	
Siberia—				
Omsk.....	Jan. 1-27.....	7	.....	
Vladivostok.....	Dec. 15-28.....	4	1	
Do.....	Jan. 1-13.....	4	.....	
Servia: Belgrade.....	Dec. 22-28.....	2	.....	
Siam: Bangkok.....	Nov. 10-Jan. 4....	.....	5	
Spain:				
Almeria.....	Dec. 1-Jan. 31....	.....	54	
Barcelona.....	Dec. 1-Mar. 8....	.....	134	
Cadiz.....	Nov. 1-Dec. 31....	.....	7	
Madrid.....	do.....	.....	34	
Do.....	Jan. 1-Feb. 28....	.....	42	
Malaga.....	Dec. 1-31.....	.....	1	
Seville.....	Dec. 31-Jan. 31....	.....	43	
Valencia.....	Nov. 14-Mar. 1....	73	2	
Straits Settlements: Singapore.....	Nov. 24-Feb. 8....	7	4	
Sweden: Stockholm.....	Oct. 8-21.....	3	.....	
Switzerland:				
Cantons—				
Aargau.....	Dec. 15-Jan. 18....	2	.....	
Basel.....	Nov. 14-Mar. 1....	27	.....	
Grisons.....	Dec. 1-Feb. 1....	15	.....	
Turkey in Asia: Beirut.....	Dec. 8-Mar. 1....	69	11	
Turkey in Europe: Constantinople.....	Dec. 1-Mar. 8....	.....	130	
Uruguay: Montevideo.....	Feb. 18.....	.....	.....	Present.
West Indies:				
Barbados.....	Mar. 8.....	1	.....	From Granada.
Grenada.....	do.....	3	.....	In vicinity of St. Georges.
Zanzibar.....	Nov. 8-Feb. 7....	22	3	